

METALCRIL 20J

DUSTPROOF, NON-YELLOWING CLEAR, ONE-COMPONENT IMPREGNATING AGENT FOR INDUSTRIAL CONCRETE FLOORS



DESCRIPTION

METALCRIL 20J is a liquid, ready-to-use, single-component, low-viscosity product that penetrates by capillary absorption into concrete artifacts. METALCRIL 20J contains special thermoplastic polymers with high thermal distortion temperature that exerts consolidating, hydrophobizing and protective action towards treated materials, preventing the absorption of oils, water, dirt, etc. The substrate treated with METALCRIL 20J shows no tendency to yellowing. It is resistant to washing, not sticky therefore with low dirt retention. The resulting film has a satin finish. METALCRIL 20J is particularly suitable for anti-dust treatments on industrial floors. METALCRIL 20J can also be used as a surface curing agent on concrete.

FIELDS OF USE

METALCRIL 20J is a specific product for the consolidation and protection of concrete artifacts. It is excellent for treating floors inside rooms such as garages, warehouses, cellars, etc. and outdoor surfaces such as yards, parking lots, driveways, courtyards, etc.

A significant application advantage of METALCRIL 20J is that it allows the protective dust treatment to be applied even to cementitious surfaces that have not yet fully cured. METALCRIL 20J can be applied as early as 8 hours after the cementitious article has been made as an anti-evaporant (however, it is recommended to carry out preventive tests) while as anti-dust apply after 28 days of curing.

PACKAGING

3-5-10-25 L pails

CONSUMPTION

Indicative consumption of 80-100 g/m² (per coat) variable depending on the characteristics of the substrate to which it is applied and the method of application. Recommended application in two coats. Rougher surfaces and lower temperatures increase consumption and lengthen the curing time of the material.

FEATURES AND ADVANTAGES

- Easy application at temperatures from +5°C to +35°C;
- Resistant over time to UV rays, moisture, aggression of deicing salts;
- Good mechanical strength;
- Good surface hardness.

CERTIFICATIONS

ISO 9001 certified quality management system. (Certificate No. IT.17.0227.01.QMS). APSE S.r.l. is an active member of CONPAVIPER.



SUBSTRATE PREPARATION

All surfaces must be perfectly clean and dry, free of dust, grease or loose parts.

PRODUCT PREPARATION

The product is ready to use; it does not require any dilution.

METHOD OF APPLICATION

Apply the product by medium-haired roller or spray, either on horizontal or vertical surfaces. Cross the passes avoiding product buildup. For a better aesthetic effect, it is recommended to apply the product in two coats by crossing the passes.

CURING

The curing time of METALCRIL 20J is affected by the ambient temperature. Refer to the table below for drying and curing times (at 20°C).

Dry to touch	30 minutes
Waiting time between coats	2 hours
Walkability	24 hours



CLEANING OF TOOLS

Equipment used for the preparation and application of METALCRIL 20J should be cleaned immediately after use with DILUCRIL solvent.

HEALTH AND SAFETY

For information on safety regulations, hazard statements and precautionary advice, rely on the latest MSDS by making a request to:

ufficiotecnico@apsebg.it

STORAGE

Shelf life of more than 12 months when stored in original packaging in a dry, moisture-free place. Store at temperatures between +5°C and +25°C.

DISPOSAL

Dispose of contents and/or container in accordance with local regulations.

PRODUCT TECHNICAL DATA

PHYSICAL CHARACTERISTICS (at +20°C)

FEATURE	STANDARD	RESULT
Appearance	-	Liquid
Color	-	Transparent
Specific gravity	EN ISO 2811-1	0.88 ± 0.02 g/cm ³
Dry residue (by weight)	EN ISO 3251	Approx. 20
Operating temperature	-	From -20°C to +80°C
Weathering resistance	-	Very good

The above data is information obtained to the best of our technical and application knowledge and research experience. However, since we are unable to intervene directly on site conditions and the execution of works, they represent general indications that do not bind APSE S.r.l. in any way. - V&V Group. The information provided does not relieve the purchaser of his responsibility to personally test our products with regard to their suitability for the intended use. The customer is also responsible for checking that this technical data sheet is valid for the product batch in question and is not outdated as it has been superseded by later editions. If in doubt, please contact our Technical Department in advance. APSE S.r.l. - V&V Group reserves the right to make technical changes of any kind without prior notice. This revision cancels and replaces all previous ones, all under the continuous verification of the data according to the new regulations in force and our ISO 9001 management system. Please check the latest version of this Technical Data Sheet on our website: www.apse.it

